



# IDAHO CROP WEATHER



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## Record Low Temperatures Freeze Idaho

### Agricultural Summary

A cold front produced record low temperatures Wednesday morning, May 8. Up to three inches of snow fell in North Idaho. The hard freeze caused the most damage in the Magic Valley, especially to alfalfa and sugarbeet stands. Some emerged corn and potato plants were burnt back, but not killed. Damage was minimal in major fruit-producing areas, but Eastern Idaho fruit trees were severely affected. For the week ending May 12, major agricultural activities included assessing frost damage, replanting sugarbeets, branding cattle, and planting potatoes, lentils, garbanzo beans, and field corn.

### Crop Progress Table

	2002	2001	Avg.
Winter Wheat Jointed	40	53	58
Winter Wheat Booted	0	8	9
Spring Wheat Jointed	3	7	11
Barley Jointed	3	7	10
Onions Emerged	88	99	100
Oats Planted	72	81	70
Oats Emerged	42	46	43
Field Corn Planted	52	45	61
Field Corn Emerged	7	5	17
Dry Peas Planted	89	63	71
Dry Peas Emerged	47	26	38
Lentils Planted	81	65	62
Lentils Emerged	24	14	20
Dry Beans Planted	24	1	5

### Field Crop Report

Cool weather continued to delay crop emergence and herbicide applications. Strong winds were still causing problems in South-central and Eastern Idaho. Wind damaged potato cellars and other buildings in Fremont County recently. Magic Valley farmers began to cut alfalfa for greenchop during the past week. Dry bean planting remains ahead of normal due to an early start planting garbanzo beans in North Idaho.

### Soil Moisture and Days Suitable for Fieldwork

County extension educators reported topsoil moisture to be 2% very short, 32% short, and 66% adequate. Idaho farmers had a statewide average of 5.8 days suitable for fieldwork last week.

### Livestock, Pasture and Range Report

Eastern Idaho ranges need more moisture. Hay and Roughage supplies were 2% very short, 13% short, 73% adequate, and 12% surplus.

### Crop Condition Table

Percentages	Very Poor	Poor	Fair	Good	Excellent
Winter Wheat	1	3	24	64	8
Irr. Water Supply	2	13	43	40	2
Range and Pasture	2	3	34	49	12

### Crop Progress District Table

Crop	North			Southwest			South-Central			East			State		
	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg	2002	2001	Avg
Spring Wheat															
Planted . . . . .	95	84	77	100	100	100	99	100	99	86	93	88	90	92	90
Emerged . . . . .	37	29	44	99	100	100	94	97	97	59	64	60	62	65	67
Barley															
Planted . . . . .	92	79	73	99	100	100	98	100	98	81	85	78	87	88	82
Emerged . . . . .	36	25	38	99	100	99	84	90	90	31	48	46	47	57	56
Potatoes															
Planted . . . . .	NA	NA	NA	92	95	97	96	85	85	43	62	47	61	71	61
Emerged . . . . .	NA	NA	NA	10	42	42	2	15	9	0	4	3	1	10	7
Sugarbeets															
Planted . . . . .	NA	NA	NA	100	100	99	99	100	99	88	85	96	97	98	99
Emerged . . . . .	NA	NA	NA	98	99	90	46	89	70	45	64	62	57	86	74
1 <sup>st</sup> Cutting Alfalfa Hay															
Harvested . . . . .	0	0	0	0	21	6	0	6	4	0	0	0	0	6	3

Avg (1997-2001); NA = Very Small Percentage of Acreage in District.

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## Weather Data For The Week Ending Sunday, May 12, 2002 <sup>1/</sup>

Station	Temperature <sup>2/</sup>				Growing Degree Days <sup>4/</sup>			Precipitation (Inches)				
	High	Low	Ave.	Dept. <sup>3/</sup>	40° Base	50° Base		Total	Dept <sup>3/</sup>	Month of May	March 1	
						To Date	Normal				To Date	Normal
<b>North</b>												
Coeur D'Alene	66	25	42	-13	284	35	74	0.79	0.46	0.79	4.04	4.78
Grangeville	50	28	34	-15	252	18	0	0.44	-0.27	0.44	3.32	6.18
Lewiston	77	34	50	-7	532	96	112	0.08	-0.20	0.12	2.49	2.66
Sand Point	68	23	42	-9	247	22	8	0.13	-0.45	0.15	3.79	5.94
<b>Southwest</b>												
Boise	77	28	50	-5	576	124	67	0.00	-0.20	0.00	2.04	2.88
Caldwell	70	27	51	-7	596	144	145	0.00	-0.14	0.00	0.93	2.27
Emmett	71	26	48	-8	520	86	96	0.00	-0.18	0.10	2.52	2.75
Mountain Home	65	20	44	-10	552	129	49	0.00	-0.16	0.03	0.77	2.20
Parma 5/	67	26	--	--	589	144	82	0.00	-0.17	0.00	1.50	2.34
Weiser	72	30	51	-6	576	118	77	0.00	-0.16	0.00	1.67	2.33
<b>Southcentral</b>												
Buhl 5/	--	--	--	--	487	97	11	0.00	-0.25	0.02	1.33	2.23
Burley	72	26	47	-6	420	58	21	0.00	-0.25	0.08	1.09	2.21
Hill City	65	14	40	-9	106	0	0	0.00	-0.20	0.00	1.96	2.43
Hagerman	72	28	50	-7	544	127	163	0.01	-0.21	0.02	1.61	2.11
Malta 5/	70	30	--	--	435	67	50	0.00	-0.32	0.20	1.54	2.12
Twin Falls	66	24	46	-6	408	61	16	0.00	-0.24	0.04	3.42	2.42
<b>East</b>												
Aberdeen 5/	65	22	--	--	255	32	2	0.00	-0.28	0.00	0.48	2.00
Grace	66	21	44	-5	245	32	0	0.07	-0.30	0.71	3.82	3.29
Idaho Falls	67	22	43	-7	262	27	4	0.00	-0.31	0.00	1.71	2.32
Malad City	72	19	45	-7	347	46	10	0.00	-0.36	0.08	0.62	2.89
Pocatello	69	20	44	-7	364	46	11	0.00	-0.31	0.00	1.78	2.94
Rexburg	62	23	43	-6	250	32	0	0.00	-0.44	0.00	1.19	3.02
Salmon	63	23	43	-8	297	42	7	0.00	-0.24	0.00	0.46	1.76

1/ Weekly summary provided by the Western Regional Climate Center with data reported by the National Weather Service. When data is quality controlled by the National Climate Center the accumulated growing degree days and precipitation values are updated. 2/-- indicate missing or incomplete data. 3/ Departure from normal.

4/ Totals from March 1. Growing degree days are estimated from neighboring sites for stations with missing or incomplete data. 5/ Precipitation totals are only for days reports were received, no estimates were made for missing data.

### Daily High/Low Four Inch Soil Temperatures

Station	Monday		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday		Average <sup>1</sup>	
	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	Low
Buhl	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Emmett	65	58	70	58	65	55	68	54	68	58	72	60	72	60	69	58
Parma	53	53	54	51	53	51	52	51	52	52	--	--	--	--	53	52
Sandpoint	47	42	48	40	49	40	51	39	56	41	57	44	55	47	52	42
Twin Falls	63	49	66	50	53	42	60	41	52	43	57	44	59	44	59	45

1/ Averages are only for days reports were received. -- Missing or Incomplete Data.